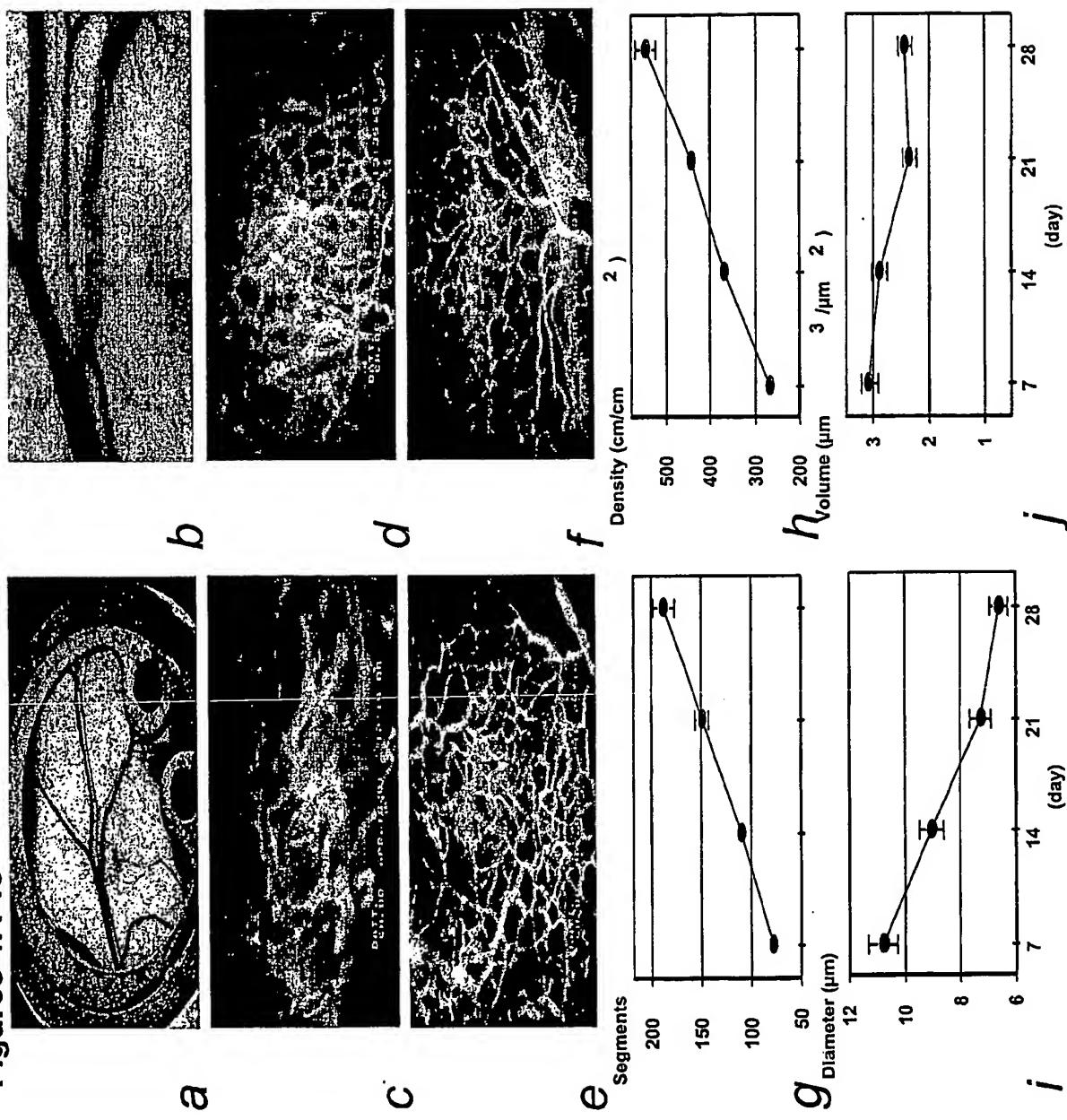
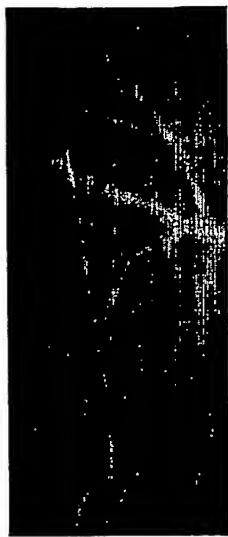
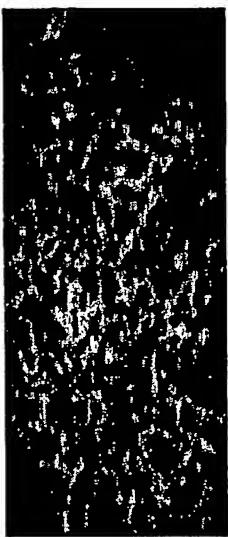
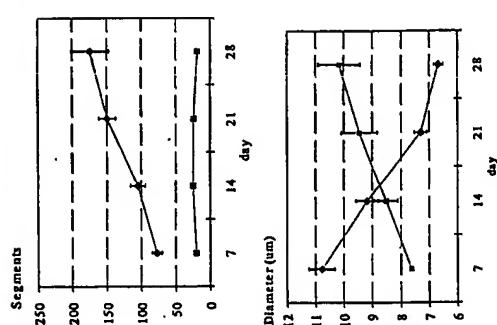
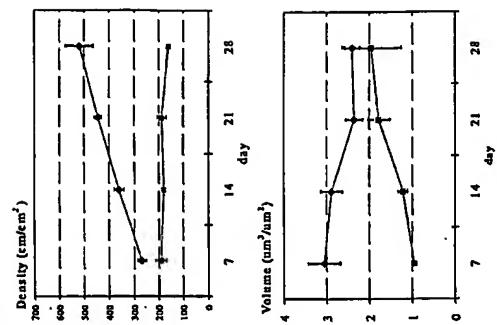
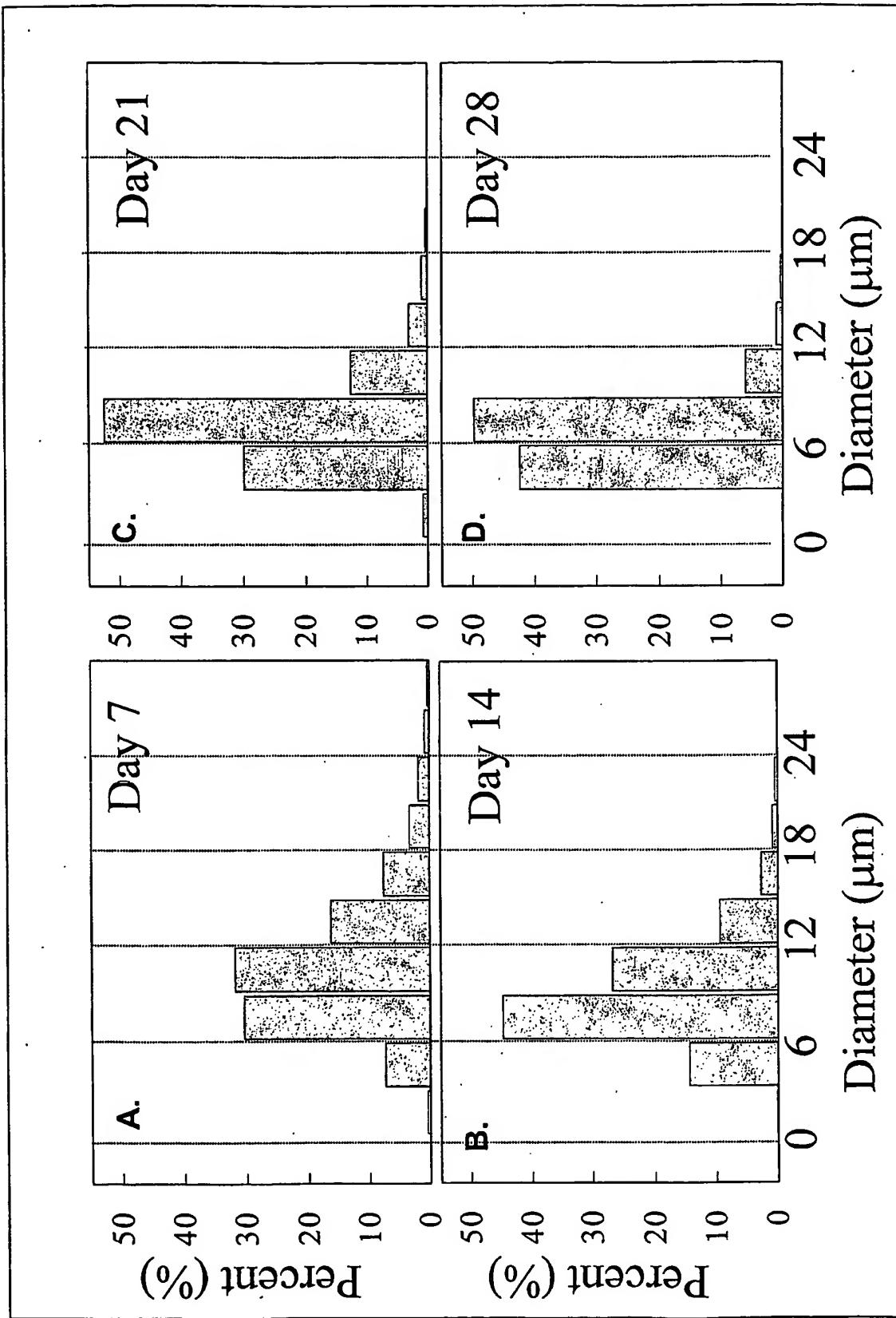


Figures 1A-1J

Figures 2A-2H**B****D****C****F****H****E****G**

Figures 3A-3D



Figures 4A-4C

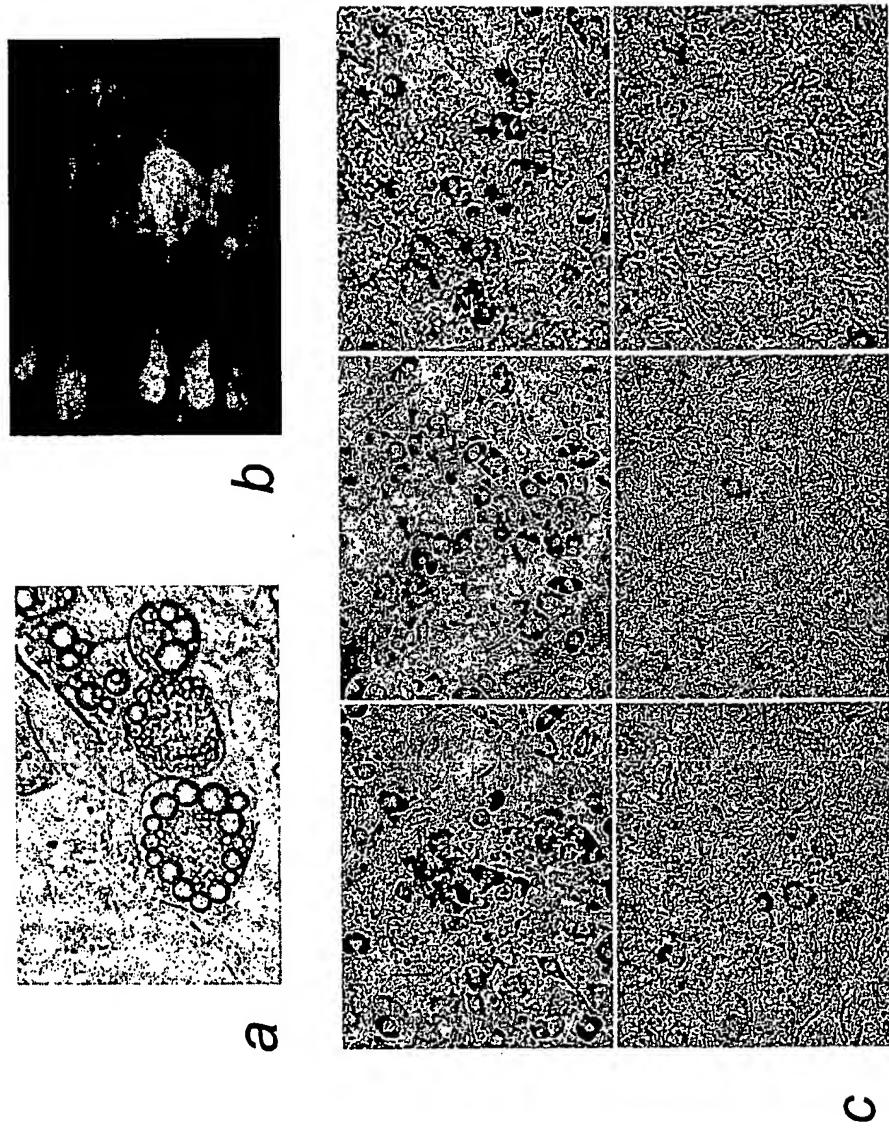


Figure 5 (Page 1 of 4)

Genebank	Gene name	<i>In vitro</i> *				Comments
		3T3-442A/ PPAR γ DN	3T3-442A/ Preadipocyte	3T3-442A/ Adipocyte	(+)	
NM_009621	Adams1	(+)	(+)	(+)	(+)	Decreased in adipocytes (x3)
NM_013906	Adams8	N.D.	N.D.	N.D.	N.D.	
U83509	angiopeptin-1	N.D.	N.D.	N.D.	N.D.	Not detectable by RT-PCR
NM_007426	angiopeptin2	(+)	(+)	(+)	(+)	Decreased in adipocytes (x2), Increased by PPAR γ DN (x27)
U22516	angiogenin	N.D.	N.D.	N.D.	N.D.	
NM_007543	CD36	(+)	(+)	N.D.	N.D.	
NM_009868	cadherin 5	(+)	N.D.	N.D.	N.D.	
NM_007693	Vasostatin/chromogranin A	N.D.	N.D.	N.D.	N.D.	
NM_009929	procollagen, type XVIII, alpha 1	N.D.	N.D.	N.D.	N.D.	
M13926	G-CSF	(+)	(+)	(+)	(+)	Increased by PPAR γ DN (x57)
NM_010217	Tissue factor	N.D.	N.D.	N.D.	N.D.	
NM_007901	Edg1	N.D.	N.D.	N.D.	N.D.	
NM_007909	Ephrin A2	N.D.	N.D.	N.D.	N.D.	
NM_010109	Ephrin A receptor	N.D.	N.D.	N.D.	N.D.	
NM_010111	Ephrin B2	(+)	(+)	(+)	(+)	Increased in adipocytes (x2.5)
NM_010113	EGF	N.D.	N.D.	N.D.	N.D.	
NM_007912	EGFR	(+)	(+)	(+)	(+)	Decreased in adipocytes (x2.5), Increased by PPAR γ DN (x5.5)
NM_007932	endoglin	N.D.	N.D.	N.D.	N.D.	
NM_010144	Ephrin B4	(+)	(+)	(+)	(+)	
U71126	erb-2	N.D.	N.D.	N.D.	N.D.	
NM_011808	c-ets1	N.D.	N.D.	N.D.	N.D.	
NM_010168	Prothrombin kinase-1	(+)	(+)	(+)	(+)	
I667610	aFGF	N.D.	N.D.	N.D.	N.D.	
NM_030614	FGF16	(+)	(+)	(+)	(+)	Increased by PPAR γ DN (x2.5)
NM0644	bFGF	N.D.	N.D.	N.D.	N.D.	
M30642	FGF4	N.D.	N.D.	N.D.	N.D.	

Figure 5 (Page 2 of 4)

M92416	FGF6	N.D.	N.D.
U56503	FGF7/KGF	(+)	(+)
M33760	FGFR1 (FLG)	N.D.	N.D.
MB1342	FGFR3	N.D.	N.D.
NM_008011	FGFR4	(+)	(+)
D86628	VEGF-D/FIGF	(+)	(+)
X59397	KDR	N.D.	N.D.
L07297	VEGFR	N.D.	N.D.
JM18194	Fn1	(+)	(+)
J04596	Gro1	N.D.	N.D.
X84046	HGF	N.D.	N.D.
NM_010431	Hif1a	(+)	(+)
M33885	ID1	(+)	(+)
NM_008321	ID3	(+)	(+)
NM_010502	IFNA1	N.D.	(+)
NM_010510	IFN-b1	N.D.	(+)
K00083	IFN r	(+)	(+)
NM_010512	GF-1	N.D.	N.D.
NM_010548	L-10	N.D.	N.D.
M38672	L-12A	N.D.	N.D.
NM_010577	Integrin a5	(+)	(+)
NM_008402	Integrin aV	(+)	(+)
NM_016780	CD61	N.D.	N.D.
NM_008539	Madh1	(+)	(+)
NM_010784	Midkine	(+)	(+)
NM_008610	gelatinase A	(+)	(+)
NM_013599	gelatinase B	N.D.	N.D.
NM_031195	SR-A	N.D.	N.D.
NM_008713	NOS3	(+)	(+)
NM_008737	neurophilin	(+)	(+)
M23464	PDGF a	N.D.	N.D.
Af-162784	PDGF b	N.D.	N.D.

Figure 5 (Page 3 of 4)

NM_011058	PDGFR _a	(+)	N.D.
NM_008809	PDGFR _b	N.D.	N.D.
NM_008816	PECAM1	N.D.	N.D.
AB017491	PF 4	N.D.	N.D.
NM_008827	Placental growth factor	N.D.	N.D.
X02389	PLAU	N.D.	N.D.
NM_008869	PTGS1	(+)	(+)
NM_011198	Cox-2	N.D.	N.D.
P90225	pleiotrophin	(+)	(+)
NM_019765	Restin	(+)	(+)
NM_011333	Scyt2	(+)	(+)
NM_009257	maspin	(+)	(+)
M33960	PAI-1	(+)	(+)
X16480	PAI-2	N.D.	N.D.
AF017057	PEDF	(+)	(+)
NM_009242	SPARC	(+)	(+)
NM_009263	osteopontin	(+)	(+)
D13738	Tie-2	N.D.	N.D.
U65016	TGF-a	N.D.	N.D.
NM_01177	TGFb1	N.D.	N.D.
X57413	TGF b2	N.D.	N.D.
NM_02745	TGF b3	N.D.	N.D.
D18526	TGFBR1(ALK-5)	N.D.	(+)
NM_009371	TGFbR2	(+)	(+)
AF039601	betaglycan	(+)	(+)
NM_01276	THBS1	N.D.	N.D.
L07803	THBS2	(+)	(+)
L07434	TIMP2	N.D.	N.D.
AF0102887	THBS3	N.D.	N.D.
X73960	Tie1	(+)	(+)
NM_011583	TIMP1	(+)	(+)
0	TIMP2	(+)	(+)

101533047

PCT/US2003/034838

WO 2004/039248

Figure 5 (Page 4 of 4)

		(+)	(+)	(+)	
NM_011607	tenascin C	(+)	(+)	(+)	
NM_013693	TNF α	N.D.	N.D.	N.D.	
M84487	VCAM-1	N.D.	N.D.	N.D.	
M95200	VEGF	(+)	(+)	(+)	Increased in adipocytes ($\times 2$), Decreased by PPAR γ DN (x)
U46800	VEGF-B	(+)	(+)	(+)	Low
U73620	VEGF-C	(+)	(+)	(+)	Low

Figures 6A-6H

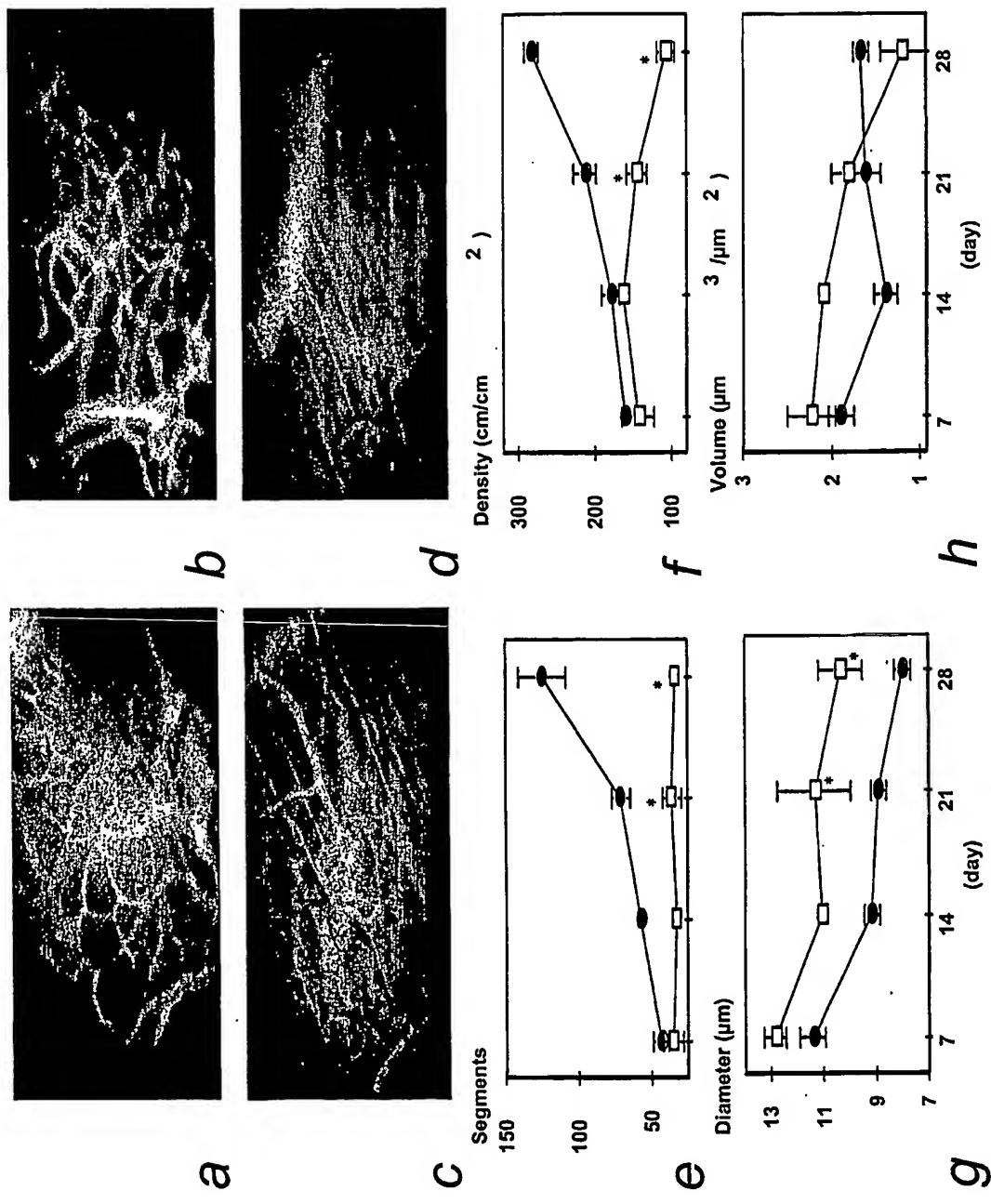


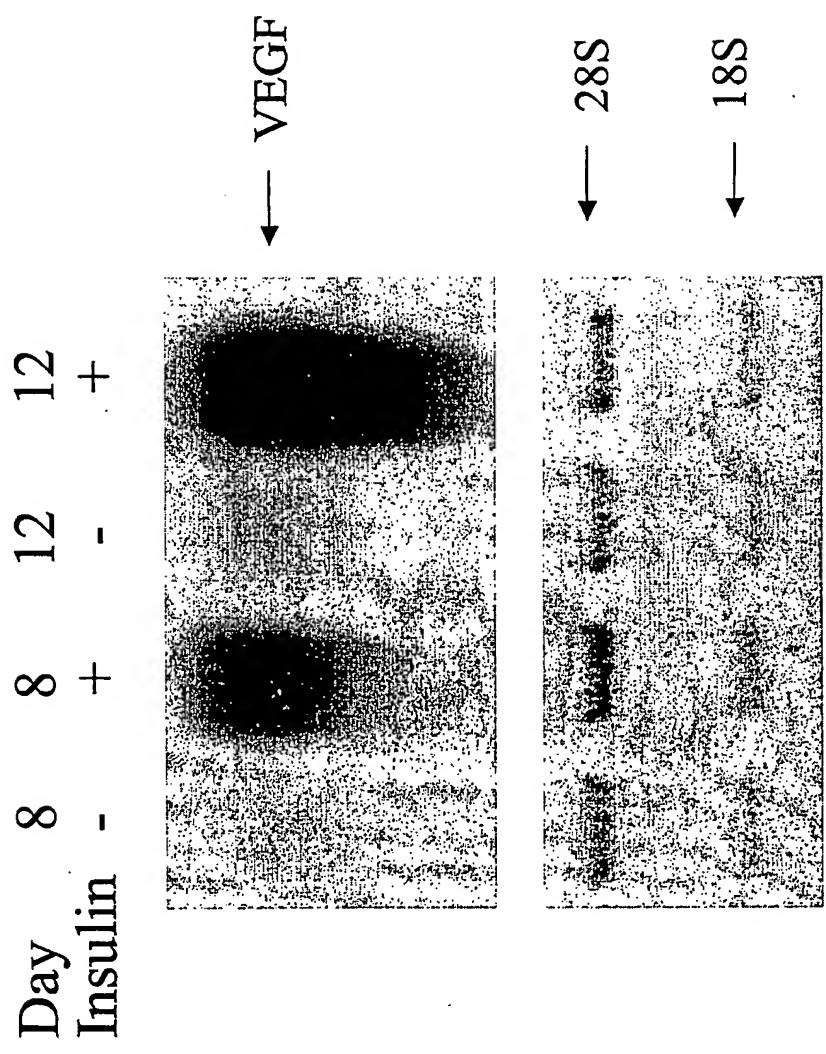
Figure 7

Figure 8

Gene name	Sense primer	Antisense primer
Ang-1	5'-ATGACAGTCTCCCTTGCAC-3' (SEQ ID NO: 1) & 5'-TTCTCGCCATTCTGACTCAC-3' (SEQ ID NO: 2)	5'-CATCATGGTGGAAACGTAAGGA-3' (SEQ ID NO: 3)
	5'-ATGTGGCAGATCATTTCTAACT-3' (SEQ ID NO: 4) & 5'-TTGGCTGGATCTGTCTGGC-3' (SEQ ID NO: 5)	5'-CCAGTAGTACCACTTGATAACCGTT-3' (SEQ ID NO: 6)
aP2	5'-CTGGAAGACAGCTCCTCGAACG-3' (SEQ ID NO: 7) & 5'-ATGTGTGATGCCCTGTGGAAAC-3' (SEQ ID NO: 8)	5'-TAATCAACATAACCATATCCAAT-3' (SEQ ID NO: 9)
	5'-TCC GGA TCC ATG AAC TTT C-3' (SEQ ID NO: 10)	5'-TGG CTC ACC GCC TTG GCT-3' (SEQ ID NO: 11)
L13a	5'-GGGCAGGGTCTGGTATTGGATG-3' (SEQ ID NO: 12)	5'-CCTCGCACAGTGCGCCAGAAAATG-3' (SEQ ID NO: 13)
	5'-GCTGCTTGGTGCACCTGCTGCAGCT-3' (SEQ ID NO: 14)	5'-TCTGCATTCACATTGGCTGTGTT-3' (SEQ ID NO: 15)
VEGF-B	5'-ATGCACITGCTGTGCTTCCTGTCT-3' (SEQ ID NO: 16)	5'-CTCTGTGTATAATGTGCAGCAGC-3' (SEQ ID NO: 17)
	5'-CCCATGATGTCCATGTGTACTT-3' (SEQ ID NO: 18)	5'-TGTCTCTAGGGCTGCATTGGGT-3' (SEQ ID NO: 19)
VEGF-C	5'-CATGAGATTGGCAGTGATTGCTT-3' (SEQ ID NO: 20)	5'-TCTGCTTGTACTAGCAGTGACG-3' (SEQ ID NO: 21)
	5'-AGGGACTCTGTGGAAGTACTGT-3' (SEQ ID NO: 22)	5'-CTGGCTGGCACAGTTGAGCAGTG-3' (SEQ ID NO: 23)
HIF1 α	5'-GGGGCGAGAACGAGAAGAAAAAG-3' (SEQ ID NO: 24)	5'-CACGTTATCAGAAATGTAAACCAT-3' (SEQ ID NO: 25)

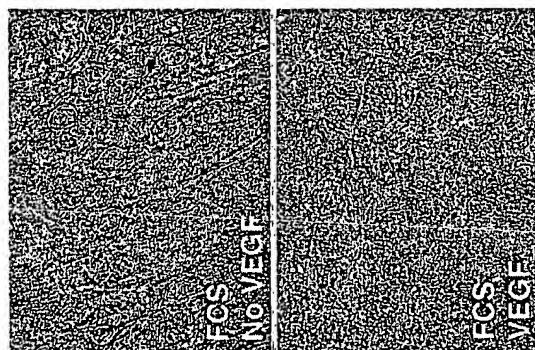
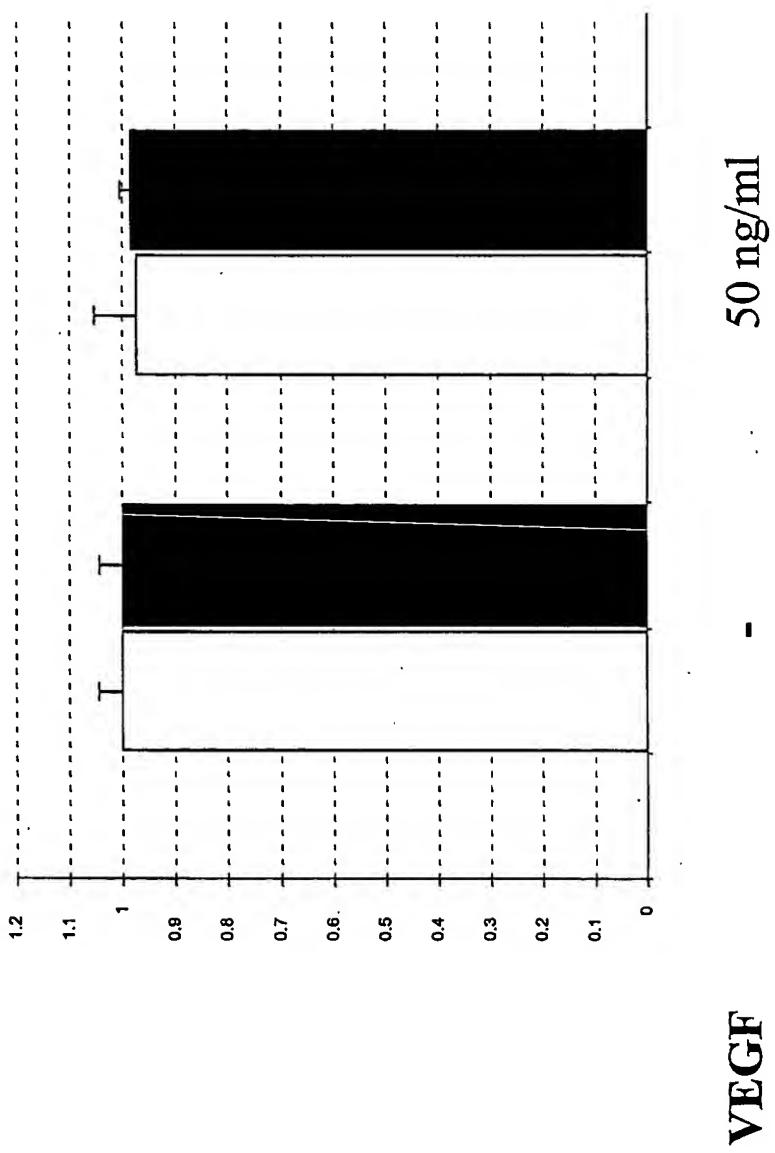


Figure 9A

Figure 9B

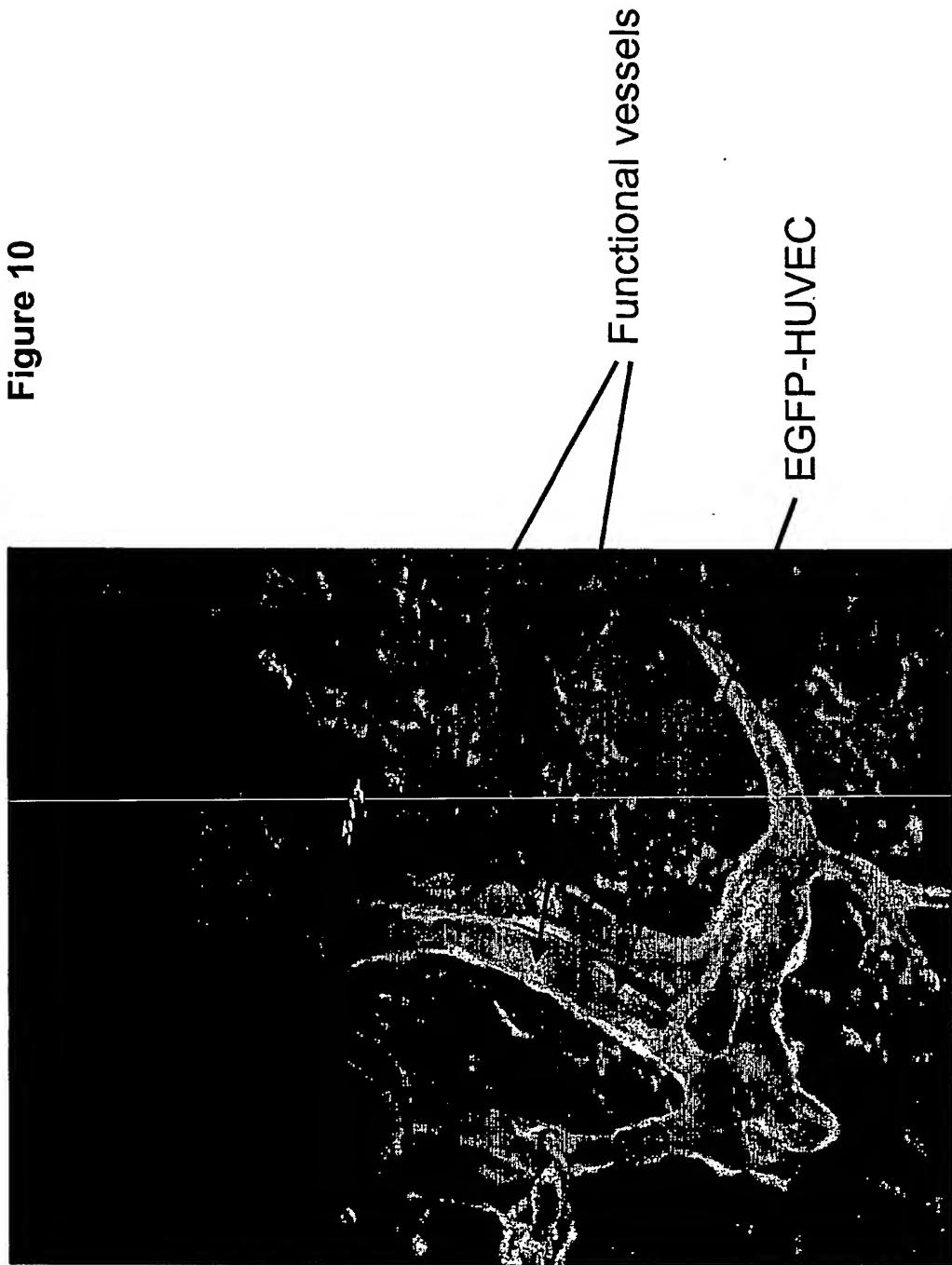


101533047

PCT/US2003/034838

WO 2004/039248

Figure 10



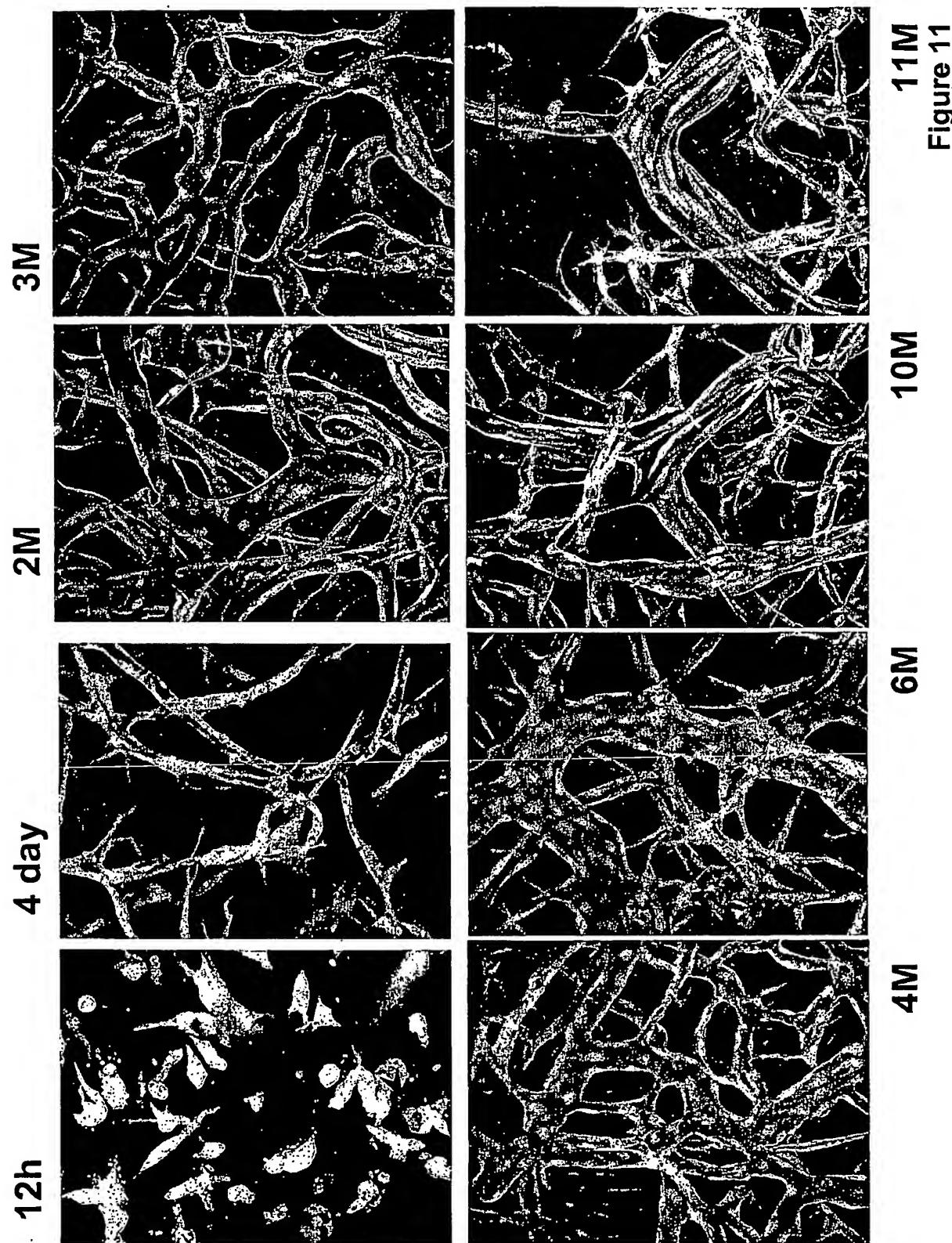
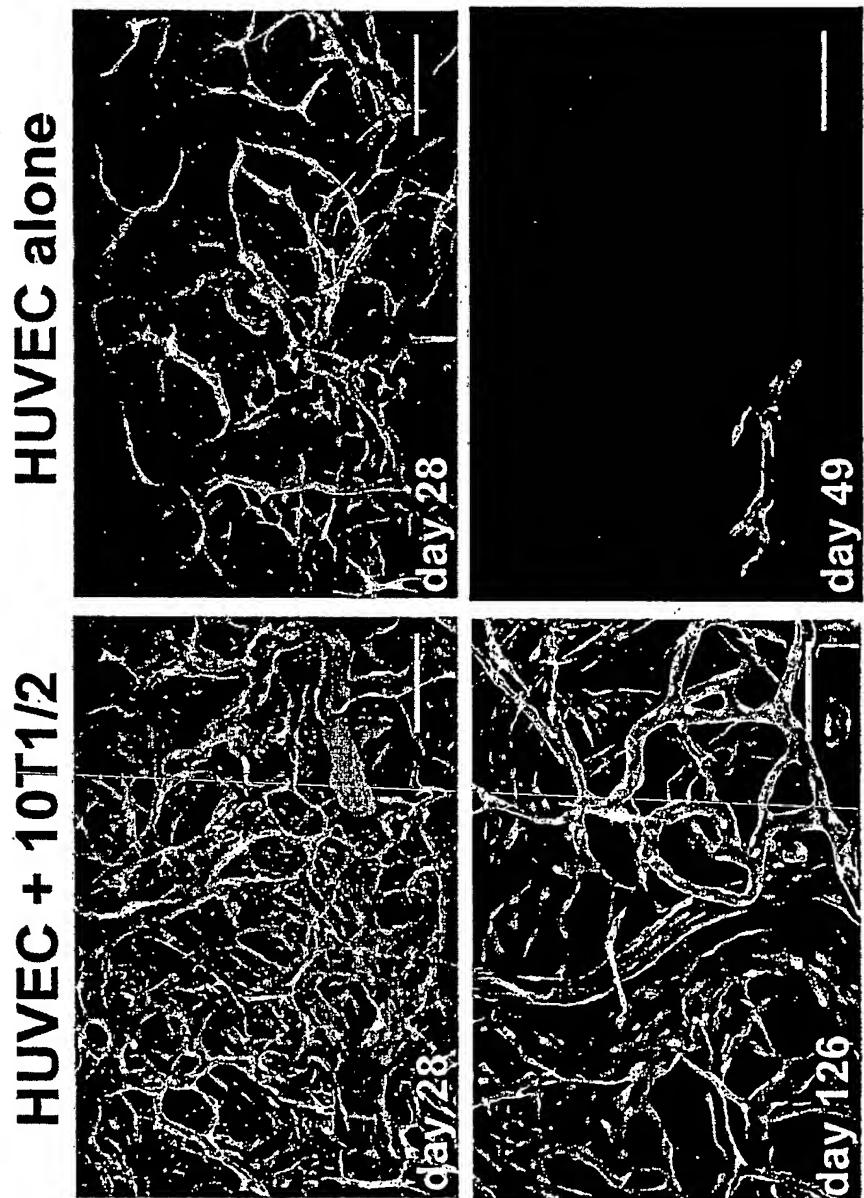
11M
Figure 11

Figure 12

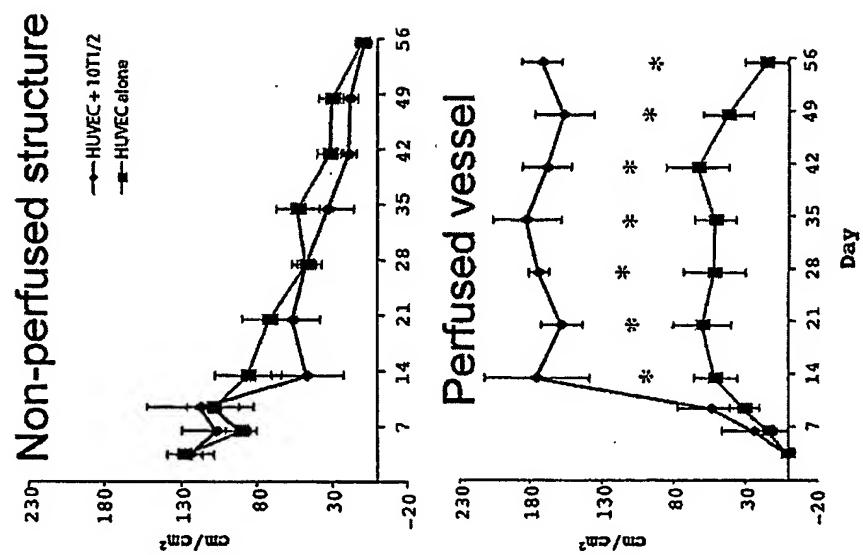


Figure 13

10/533047
PCT/US2003/034838

WO 2004/039248

10/533047

PCT/US2003/034838



Figure 14

10533047
PCT/US2003/034838

WO 2004/039248

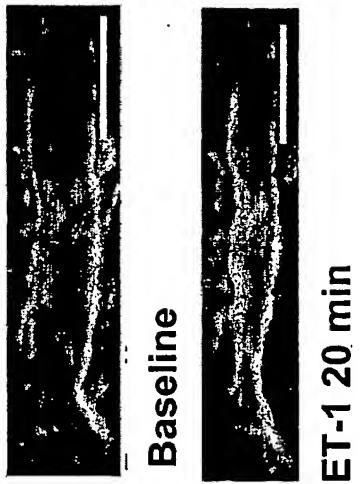
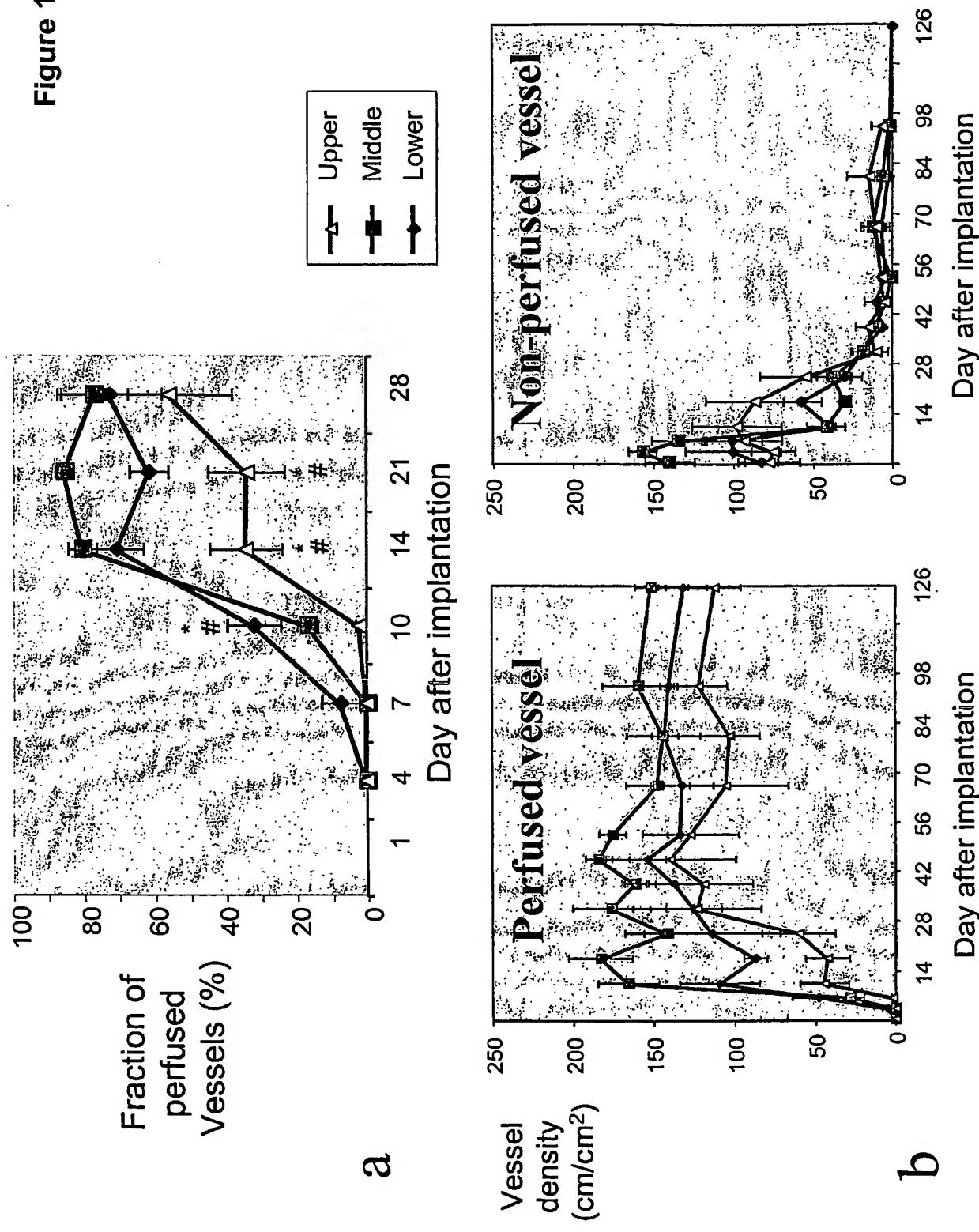


Figure 15

Figure 16

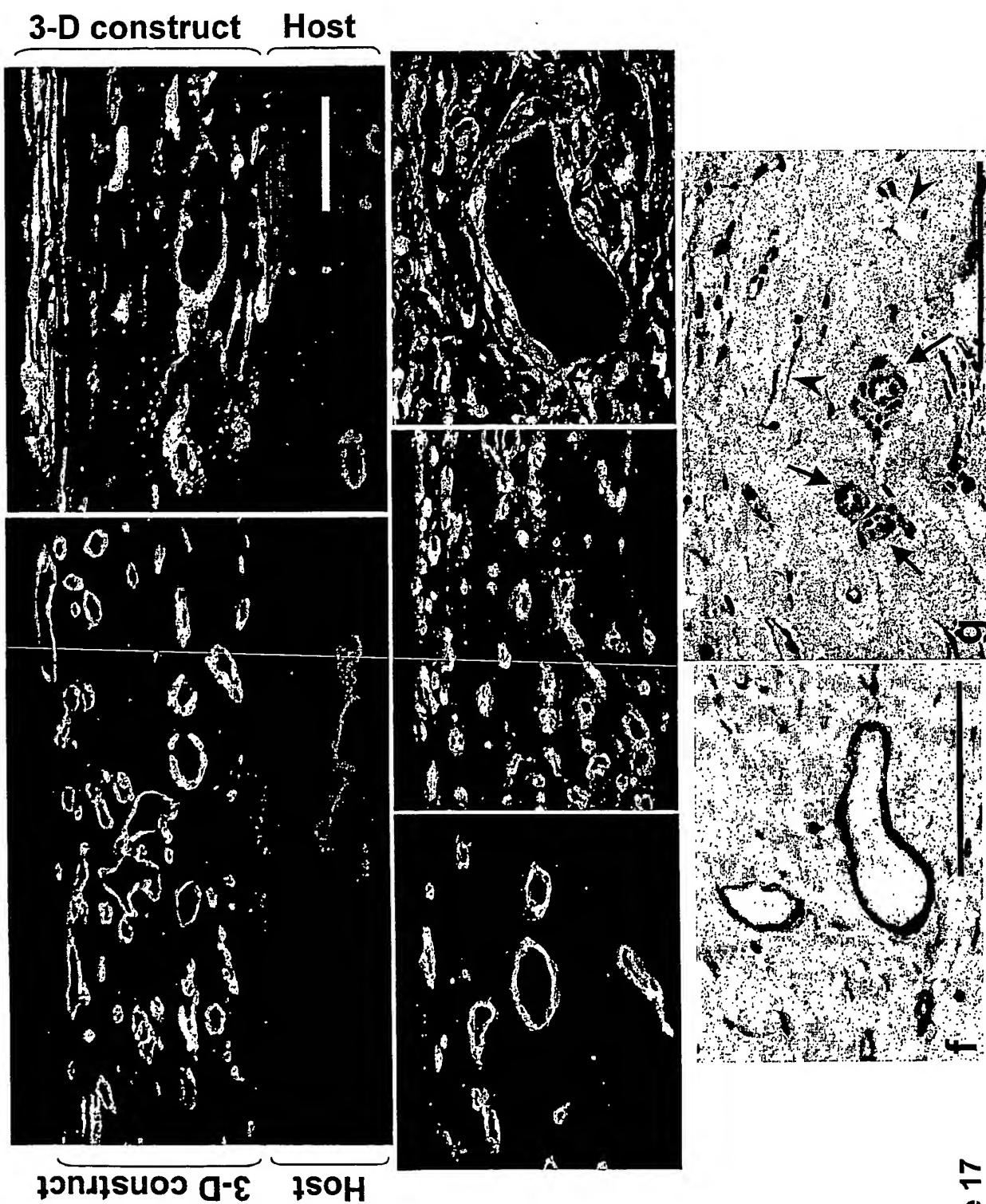


Figure 17

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.